

Amendment to Claims

LISTING OF CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

1.- 21. (Canceled)

22. **(Currently Amended)** A system for providing automatic video signal compensation, said system comprising:

a video signal compensating circuit for receiving video signal components of a video signal including red, green and blue video signals from a remote video source,

a signal injection circuit for injecting a plurality of test pulses for receipt by said video signal compensating circuit;

a skew timing circuit coupled to said signal injection circuit for automatically measuring a skew of said plurality of test pulses received to determine delay or delays to apply to one or more of said video signal components, and

a delay circuit coupled to said video signal compensating circuit for applying said delay or said delays to said video signal components,

~~determining a skew in receipt of said video signal components; and~~

~~determining one or more delays to apply one or more of said components; and~~

~~a delay circuit coupled to said video signal tuning circuit for applying said delay or said delays said components~~ wherein the signal injection circuit automatically generates said plurality of test pulses in response to selecting the remote video source.

23. **(Cancelled)**

24. **(Currently Amended)** A system according to claim ~~22~~23, wherein each of said test pulses is a square wave.

25. **(Cancelled)**

26. **(Previously Presented)** A system according to claim 22, further comprising memory coupled to said video signal compensating circuit for storing values of said delays.

27. **(Previously Presented)** A system according to claim 26, wherein said video signal compensating circuit measures said skew by comparing a combined amplitude of said test pulses to a reference amplitude.

28. **(Previously Presented)** A system according to claim 27, wherein said video signal compensating circuit determines said delay or said delays by measuring said skew for each combination of said components received utilizing said delay circuit, storing results of said measuring in said memory, comparing said results to said reference amplitude, and calculating said delay or said delays closest to said reference amplitude.

29. **(Previously Presented)** A system according to claim 22, wherein said delay circuit includes at least one inductor capacitor circuit.

30. **(Previously Presented)** A system for according to claim 22, wherein said delay circuit includes at least one printed circuit board comprising at least one printed delay circuit.

31. **(Currently Amended)** A system according to claim 22, wherein said delay circuit includes a red delay circuit, a green delay circuit and a ~~red-blue~~ delay circuit, each of said red, green and blue delay circuits being coupled to said video signal compensating circuit.

32. **(Currently Amended)** A system according to claim 22, further comprising [[a]] an override circuit for providing manual adjustment of said delay circuit.

33. **(Currently Amended)** A switching system including circuitry for providing automatic compensation of video signals including red, green and blue components, said system comprising:

a computer interface device for transmitting test pulses and video signals, said computer interface device including a signal injection circuit for generating said test pulses;

a user interface device coupled to said computer interface device, said user interface device including a signal receiving circuit for receiving said test pulses and said video signals from a remote video source, ~~and~~

a skew timing circuit coupled to said signal injection circuit for automatically measuring a skew of said received test pulses, and a

~~a delay circuit for determining a skew in receipt of said video signal components and for determining and automatically applying one or more delays to apply one or more of said components,~~

wherein the signal injection circuit automatically generates said test pulses in response to selecting the remote video source.

34. **(Previously Presented)** A system according to claim 33, wherein said delay circuit includes at least one inductor capacitor circuit.

35. **(Previously Presented)** A system according to claim 33, wherein said delay circuit includes at least one printed circuit board comprising at least one printed delay circuit.

36. **(Previously Presented)** A system according to claim 33, wherein each of said test pulses is a square wave pulse.

37. **(Previously Presented)** A system according to claim 33, wherein said computer interface device is coupled to said user interface device via at least one Category 5 cable.

38. **(Previously Presented)** A system according to claim 33, further comprising a switch for selecting transmission of either said test pulses or said video signals.

39. **(Previously Presented)** A system according to claim 38, further comprising a control circuit for generating a control signal to control said switch.

40. **(Previously Presented)** A system according to claim 33, further comprising a composite switch for creating composite signals comprising said test pulses and said video signals.

41. **(Previously Presented)** A system according to claim 40, further comprising an extract circuit for extracting said test pulses from said composite signals.

42. **(Previously Presented)** A system according to claim 40, further comprising an extract circuit for extracting said video signals from said composite signals.

43. **(Currently Amended)** A method for compensating for skew introduced during transmission of video signals having red, green and blue components, said method comprising the steps of:

detecting a selection of a video signal source;

generating test signals at a computer interface in response to said detecting, said

test signals including one such signal for each of said red, green and blue components;

receiving said test signals at a user interface;

calculating a difference of time in said receiving;

determining a delay for application to one or more of said red, green, or blue components;

producing a signal for introducing said delay; and

applying automatically said delays to one or more of said red, green, or blue components.